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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) **CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

OGOSH46USA

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/567729 10/567 PRIORITY DATE CLAIMED

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PCT/JP2004/011894

19 August 2004

19 August 2003

TITLE OF INVENTION

SILICON CARBIDE EPITAXIAL WAFER, METHOD FOR PRODUCING SUCH WAFER, AND SEMICONDUCTOR DEVICE FORMED ON SUCH WAFER

Kazutoshi Kojima, Satoshi Kuroda and Hajime Okumura

APPLICANT(S) FOR DO/EO/US

| Ap | plicant | t herewith | submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | |
|-----|-------------|---|--|--|--|--|--|--|
| 1. | Ø | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. | | | | | | |
| 2. | | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | | | | | |
| 3. | × | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | | | | | |
| 4. | | The US I | nas been elected (Article 31) | | | | | |
| 5. | \boxtimes | A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) | | | | | | |
| | | a. 🛛 | is attached hereto (required only if not communicated by the International Bureau). | | | | | |
| | | b. 🗆 | has been communicated by the International Bureau. | | | | | |
| | | с. 🗆 | is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | | |
| 6. | \boxtimes | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). | | | | | | |
| | | a. 🛛 | is attached hereto. | | | | | |
| | | b. 🗆 | has been previously submitted under 35 U.S.C. 154(d)(4). | | | | | |
| 7. | | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | |
| | • | a. 🗆 | are attached hereto (required only if not communication by the International Bureau). | | | | | |
| | | b. 🗆 | have been communicated by the International Bureau. | | | | | |
| | | c. 🗆 | have not been made; however, the time limit for making such amendments has NOT expired. | | | | | |
| | | d. 🗆 | have not been made and will not be made. | | | | | |
| 8. | | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | | | |
| 9. | \boxtimes | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | | | | |
| 10. | | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | | | | |
| | Items | s 11 to 20 | below concern document(s) or information included: | | | | | |
| 11. | | An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | | | | | |
| 12. | | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | |
| 13. | \boxtimes | First and Second Preliminary Amendments. | | | | | | |
| 14. | \boxtimes | An Application Data Sheet under 37 CFR 1.76. | | | | | | |
| 15. | | A substitute specification. | | | | | | |
| 16 | \boxtimes | A power of attorney and/or change of address letter. –(combined with Declaration, see above) | | | | | | |
| 17. | | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825 | | | | | | |
| 18. | | A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | | | | | |
| 19 | | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | | | | | |
| 20. | × | Other items or information: Verification of Translation; International Search Report; Request; Written Opinion | | | | | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should to sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box

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| U.S. APPLICA | U.S. APPLICATION NO. (If known_seps7.6FR 1.5) INTERNATIONAL APPLICATION NO. PCT/JP2004/011894 | | | | | | ATTORNEY'S DOCKET NUMBER OGOSH46USA | | |
|--|---|--------------------------------------|----------|------------|--|---------|-------------------------------------|--|---------------------------------------|
| The follo | wing fee | s have been su | bmitted | | | | | Calculations | Office use only |
| 21. 🖾 Basic national fee | | | | | | | | \$300.00 | |
| 22. 🛛 Exa If Internationa provisions All other situal | of PCT | \$ 200.00 | | | | | | | |
| 23. Sea Search fee (3' an Intern International S All other situal | 7 CFR 1 ational S search R | \$ 400.00 | | | | | | | |
| | TOTAL | OF 21, 22 and | 23 = | | | | | \$ 900.00 | |
| sequence | Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or faction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a | | | | | | | | |
| 14 - 100 | | /50= | | whole | number) | | × \$250 | | |
| Surcharge of S | 130.00 | for furnishing th | e oath d | r declarat | ion later than 30 mo | nths | | \$ | |
| from the earlie | | ed priority date | (37 CFF | (1.492(e) |) | 1 | | | |
| CLAIMS Total claims | | NUMBER F | | 0 | MBER EXTRA | × | RATE \$50 | \$ \$ | <u> </u> |
| Independent C | laims | 3 - | | 0 | | × | \$200 | \$ | |
| L | | NT CLAIM(S) (i | | | | + | \$360 | \$ | |
| | | | | | OTAL OF ABOVE | CALC | | \$ 0.00 | · · · · · · · · · · · · · · · · · · · |
| Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½. | | | | | | | | | |
| | | | | | | | SUBTOTAL = | \$ 900.00 | |
| | | 0.00 for furnishir y date (37 CFR | | | nslation later than 30 | | | \$ | |
| Egg for record | ing the c | nelesed essign | mont /2 | 7 CED 1 2 | 1(h)). The assignment | | IONAL FEE = | \$ 900.00 | |
| | | | | | 28, 3.31). \$40.00 pe | er prop | | \$ 900.00 | |
| = | = Amount to be refunded: | | | | | | | | \$ |
| | | | | | | | be charged | · · · · · · · · · · · · · · · · · · · | \$ |
| a. ⊠ Acł | eck in tl | ne amount of \$_ | 900.0 | 00 | to co | ver th | e above fees is e | nclosed. | |
| | | | | | | | | | |
| | c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>08-3040</u> . A duplicate copy of this sheet is enclosed. | | | | | | | | |
| | | | | | RNING: Information de credit card inform | | | ecome public. Credit n on PTO-2038. | card information |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | | | | | |
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| Customer No.: 00270 SIGNATURE | | | | | | | SIGNATURE | | |
| HOWSON AND HOWSON | | | | | | | | | |
| Spring House Corporate Center 321 Norristown Road, Ste. 200 P.O. Box 457 NAME | | | | | | | William Ba | <u>k</u> | |
| Spring House, PA 19477 37,277 REGISTRATIO | | | | | | | N NUMBER | | |

IAP5 Rec'd PCT/PTO 01 FEB 2006

OGOSH46USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE / 567729

| In re t | he Application of: |) |
|---------|------------------------------------|-------------------|
| | |) Examiner: |
| | Kazutoshi Kojima et al. |) |
| | · |) Group Art Unit: |
| Applie | eation No.: |) |
| | |) |
| Corres | sponding International Filing No.: |) |
| | PCT/JP2004/011894 |) |
| _ | |) |
| Filed: | Herewith |) |
| | |) |
| For: | SILICON CARBIDE EPITAXIAL |) |
| | WAFER, METHOD FOR |) |
| | PRODUCING SUCH WAFER, |) |
| | AND SEMICONDUCTOR |) |
| | DEVICE FORMED ON SUCH |) |
| | WAFER |) |

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VERIFICATION OF TRANSLATION

Sir:

I, Isamu Ogoshi, having been warned that willful false statements and the like are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code, and may jeopardize the validity of the above-captioned application and any patent issuing thereon, declare:

(1) I am a patent attorney authorized to practice law in Japan and am engaged in the practice of law with OGOSHI International Patent Office at Toranomon 9 Mori Bldg. 3F, 2-2, Atago 1-Chome, Minato-ku, Tokyo 105-0002, Japan.

- I am fluent in the Japanese and English Languages. (2)
- I have reviewed the attached translation, and certify that it is an accurate (3) English translation of the Japanese language international application of Kazutoshi Kojima, Satoshi Kuroda, and Hajime Okumura filed on August 19, 2004 and given International Application No. PCT/JP2004/011894.
- All of the statements made herein of my own knowledge are true and all (4) statements made herein on information and belief are believed to be true.

January 30, 2006 Januar (

Isamu Ogoshi